

MODIFICATION INSTRUCTIONS
for the
***Kodak X-Omat* MULTILOADER 300 PLUS**
Service Code: 3511
Modification No. 1

***Kodak X-Omat* 3000 RA PROCESSOR**
Service Code: 3434
Modification No. 2

Type 2

Purpose: To reduce wear and extend the service life of the DRYER RACK by installing new BEARING WASHERS.



Important

Use qualified personnel to install this modification.

Service Effects:	None
Special Requirements:	None
Serial Numbers:	<ul style="list-style-type: none">• MULTILOADER 300 PLUS: 30,001 - 30,040 and 150,001 - 150,065 (Serial No. is for the PROCESSOR)• 3000 RA PROCESSOR: 3001 - 4350 and 100,001 - 100,125
Installation Time:	Approximately 1.5 hours
Special Tools:	FEELER GAUGE, 2.70 mm (1.05 in.)
Parts Status:	Parts are available from Service Parts Management.
Parts Requirements:	See Page 2.



HEALTH IMAGING

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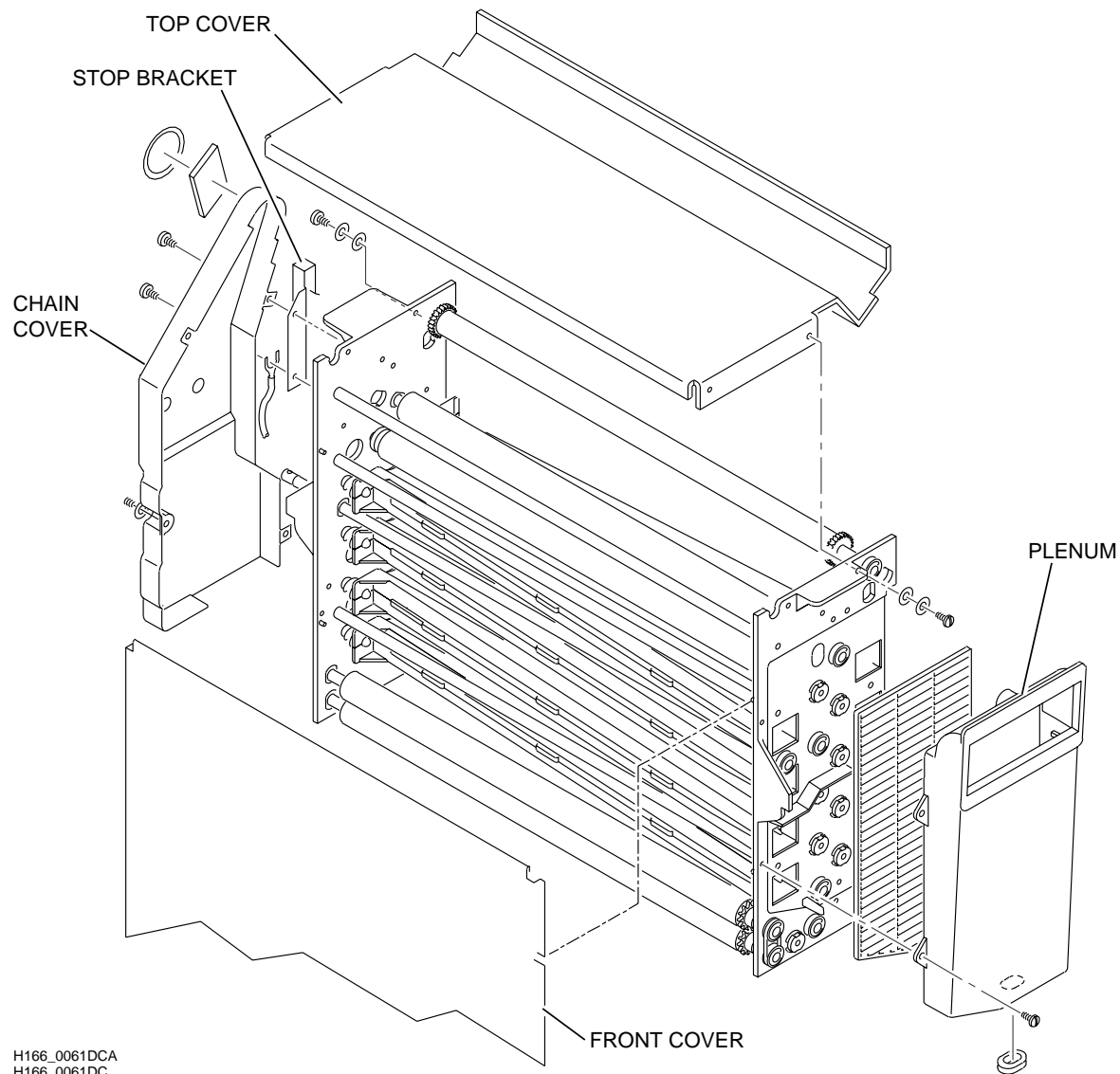
This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

MODIFICATION KIT 3H8291 includes:

Part No.	Description	Qty.
3H8282	BEARING WASHER	14
3H8275	drive SIDEPLATE	1
7C8766	MODIFICATION INSTRUCTIONS	1

Removing and Disassembling the DRYER RACK

Figure 1 **COVERS on the DRYER RACK**



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H166_0061DC

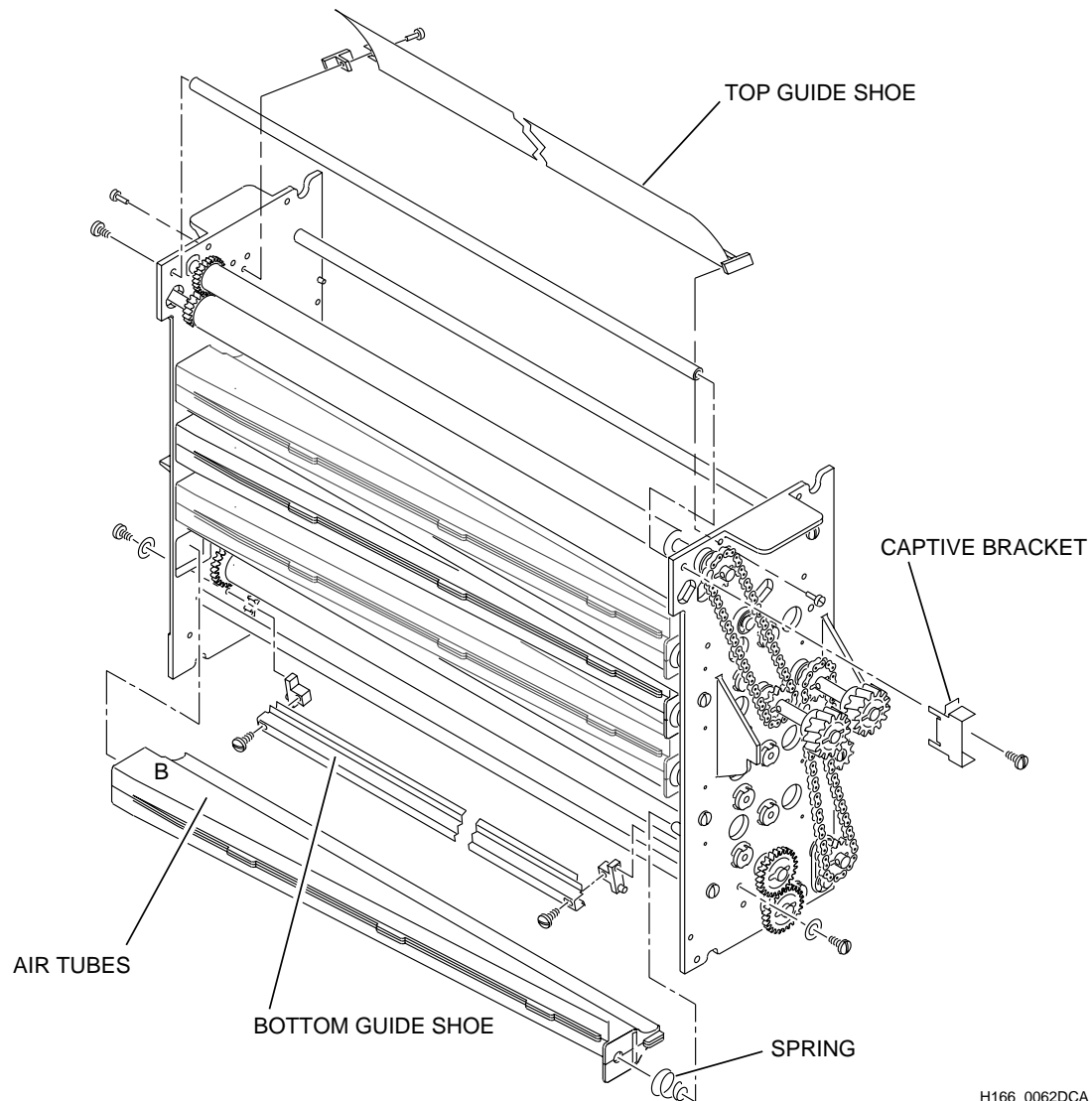


Warning

Dangerous Voltage

- [1] De-energize the PROCESSOR and the MULTILOADER.
- [2] Remove the DRYER RACK from the PROCESSOR.
- [3] Remove from the DRYER RACK:
 - FRONT COVER
 - TOP COVER, if installed
 - PLENUM
 - STOP BRACKET
 - CHAIN COVER

Figure 2 GUIDE SHOES and AIR TUBES

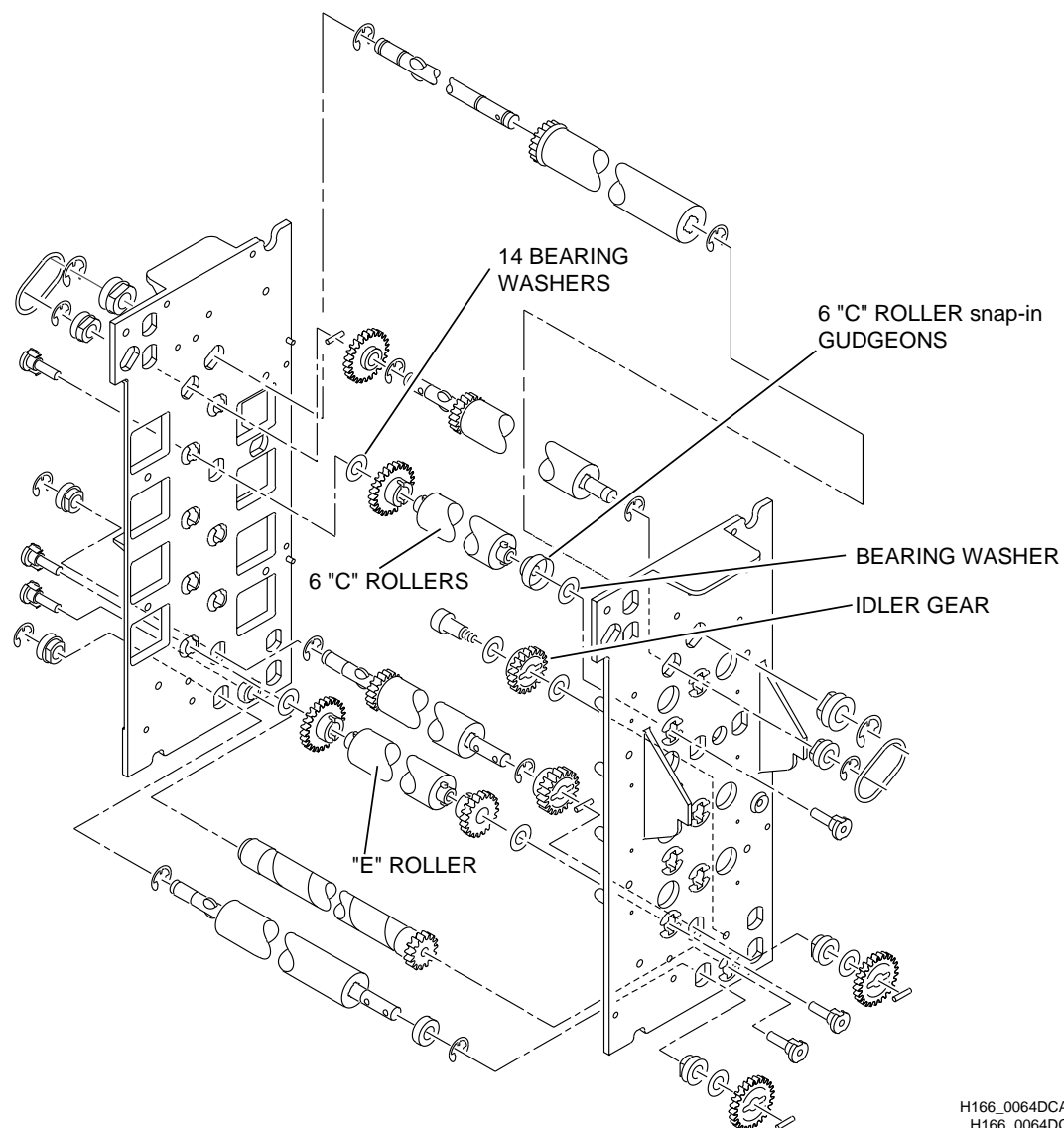


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[4] Remove:

- TOP GUIDE SHOE, if installed
- 8 AIR TUBES
- BOTTOM GUIDE SHOE
- CAPTIVE BRACKET, if installed

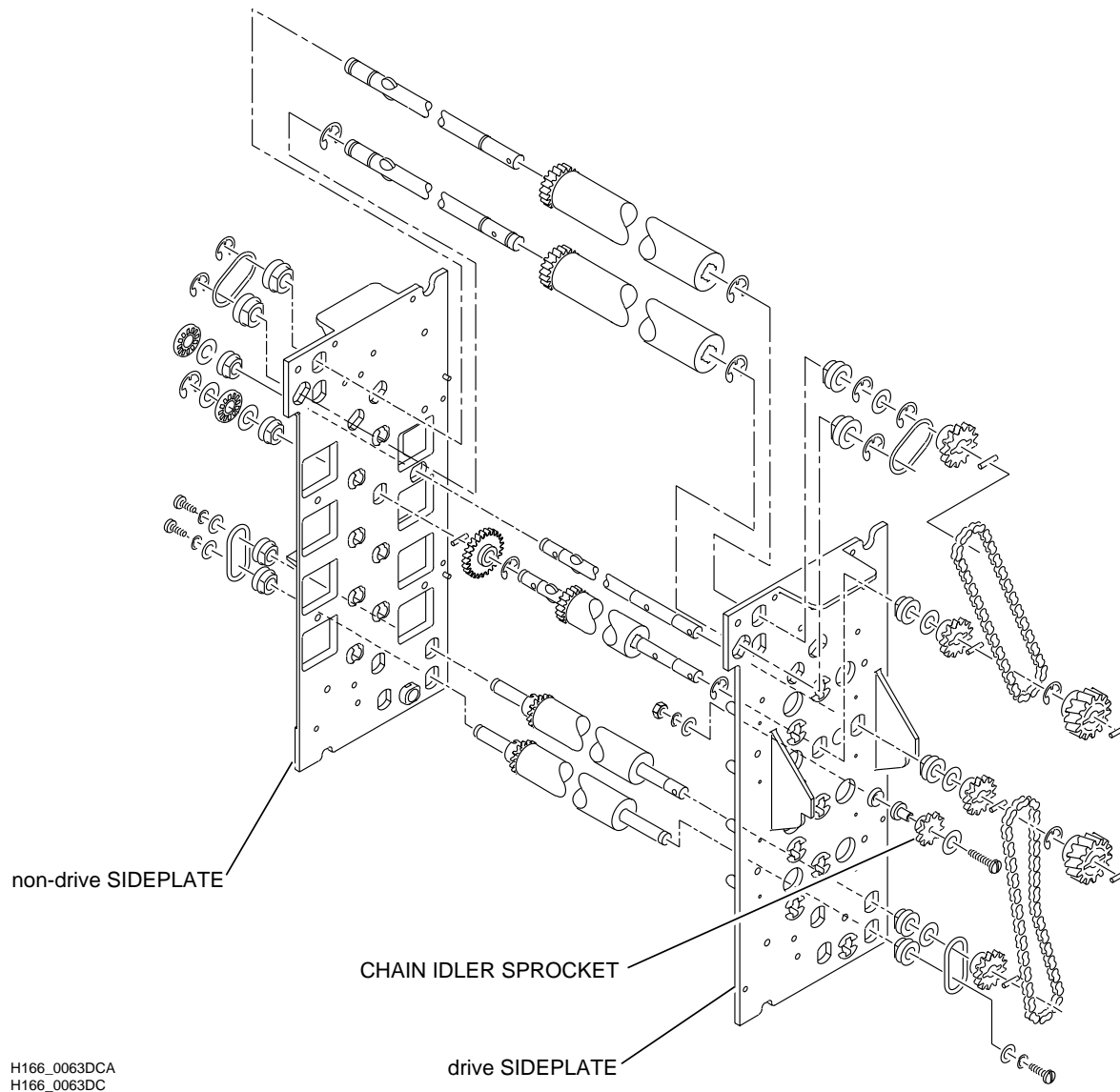
Figure 3 **Snap-in GUDGEONS**



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- [5] Remove the 6 "C" ROLLERS.
- [6] Remove and discard the 6 "C" ROLLER snap-in GUDGEONS, if installed.

Figure 4 Non-drive and drive SIDEPLATES



[7] Disassemble all the necessary parts to remove:

- non-drive SIDEPLATE
- drive SIDEPLATE

[8] Discard the drive SIDEPLATE.

Installing the New Drive SIDEPLATE and Adjusting the GUIDE SHOE

[1] See Figures 2 and 4 and remove from the existing drive SIDEPLATE:

- CHAIN IDLER SPROCKET
- IDLER GEAR
- 8 SPRINGS

[2] Install onto the new drive SIDEPLATE:

- CHAIN IDLER SPROCKET
- IDLER GEAR
- 8 SPRINGS



Important

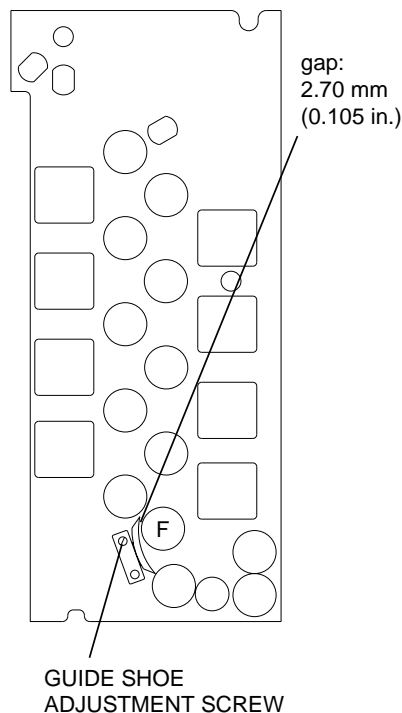
Do not install at this time:

- “E” ROLLER
- bottom “C” ROLLER
- 2 bottom AIR TUBES

[3] See Figures 2, 3, and 4 and assemble the DRYER RACK:

- existing non-drive SIDEPLATE
- new drive SIDEPLATE
- 10 new BEARING WASHERS, one at each end of each “C” ROLLER
- 6 AIR TUBES
- Bottom GUIDE SHOE, with the long edge of the SHOE in the direction that the FILM moves
- CAPTIVE BRACKET, if removed in Step 4, Page 4

Figure 5 **Adjusting the GUIDE SHOE**



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H150_0212GA

[4] Loosen the 2 GUIDE SHOE ADJUSTMENT SCREWS.

[5] Set the distance between the “F” ROLLER and the long edge of the GUIDE SHOE:

- Place a 2.70 mm (0.105 in.) FEELER GAUGE between the “F” ROLLER and the long edge of the GUIDE SHOE.
- Hold the GUIDE SHOE against the FEELER GAUGE and tighten the 2 GUIDE SHOE ADJUSTMENT SCREWS.
- Check that the distance between the GUIDE SHOE and the “F” ROLLER is 2.70 mm (0.105 in.) \pm 0.10 mm (0.005 in.) at both ends and in the center of the ROLLER.

- [6] Place a small quantity of water on the BEARING WASHERS to help hold them in place on the “E” ROLLER. See Figure 3.
- [7] Install:
- “E” ROLLER, with a new BEARING WASHER on each end
 - bottom “C” ROLLER, with a new BEARING WASHER on each end
 - 2 bottom AIR TUBES
- [8] Install on the DRYER RACK:
- TOP GUIDE SHOE, if removed in Step 4 on Page 4
 - TOP COVER, if removed in Step 3 on Page 3
 - PLENUM
 - STOP BRACKET
 - CHAIN COVER
 - FRONT COVER
- [9] Check the DRYER RACK for squareness on a smooth, dry surface.
- [10] Rotate the DRIVE RACK SHAFTS on the DRYER RACK to check for correct operation.
- [11] Install the DRYER RACK into the PROCESSOR.

Completing the Modification

- [1] Circle:
- “2” on the MODIFICATION LABEL on the 3000 RA PROCESSOR
 - “1” on the MODIFICATION LABEL on the MULTILOADER 300 PLUS
- [2] Assemble the PROCESSOR.
- [3] Check that the equipment operates correctly.

Publication History

Date	ECO No.	Pub. No.	Affected Pages	File Name	Notes
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